



**SN 09/661,637**

**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

|             |  |                 |              |
|-------------|--|-----------------|--------------|
| Applicant:  | Abraham R. Matthews                                | Examiner:       | Kyung H Shin |
| Serial No.: | 09/661,637   | Group Art Unit: | 2132         |
| Filed:      | September 13, 2000                                 | Docket:         | 1384.001US1  |
| Title:      | SYSTEM AND METHOD FOR DELIVERING SECURITY SERVICES |                 |              |

---

**INFORMATION DISCLOSURE STATEMENT**

MS Petitions  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

In compliance with the duty imposed by 37 C.F.R. § 1.56, and in accordance with 37 C.F.R. §§ 1.97 *et. seq.*, the enclosed materials are brought to the attention of the Examiner for consideration in connection with the above-identified patent application. Applicant respectfully requests that this Information Disclosure Statement be entered and the documents listed on the attached Form 1449 be considered by the Examiner and made of record. Pursuant to the provisions of MPEP 609, Applicant requests that a copy of the 1449 form, initialed as being considered by the Examiner, be returned to the Applicant with the next official communication.

Pursuant to 37 C.F.R. §1.97(b), it is believed that no fee or statement is required with the Information Disclosure Statement. However, the Commissioner is hereby authorized to charge the required fees to Deposit Account No. 19-0743 in order to have this Information Disclosure Statement considered.

INFORMATION DISCLOSURE STATEMENT

Serial No :09/661,637

Filing Date: September 13, 2000

Title: SYSTEM AND METHOD FOR DELIVERING SECURITY SERVICES

Page 2

Dkt: 1384.001US1

The Examiner is invited to contact the Applicant's Representative at the below-listed telephone number if there are any questions regarding this communication.

Pursuant to 37 C.F.R. 1.98(a)(2), Applicant believes that copies of cited U.S. Patents and Published Applications are no longer required to be provided to the Office. Notification of this change was provided in the United States Patent and Trademark Office OG Notices dated October 12, 2004. Thus, Applicant has not included copies of any US Patents or Published Applications cited with this submission. Should the Office require copies to be provided, Applicant respectfully requests that notice of such requirement be directed to Applicant's below-signed representative. Applicant acknowledges the requirement to submit copies of foreign patent documents and non-patent literature in accordance with 37 C.F.R. 1.98(a)(2).


Respectfully submitted,

ABRAHAM R. MATTHEWS

By his Representatives,

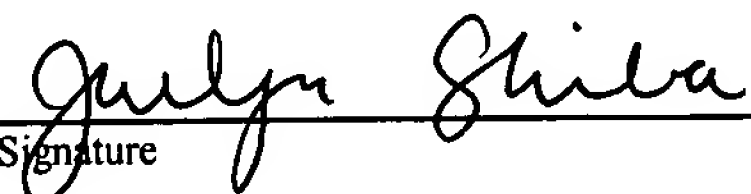
SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P.A.  
P.O. Box 2938  
Minneapolis, MN 55402  
(612) 349-9581

Date Mar. 2 06

By   
John M. Dahl  
Reg. No. 44,639

CERTIFICATE UNDER 37 CFR 1.8: The undersigned hereby certifies that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail, in an envelope addressed to: MS Petitions, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this 2 day of March, 2006.

JACLYN SKIBA  
Name

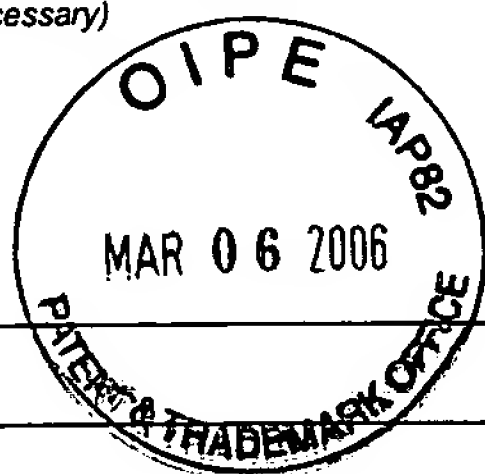
  
Signature

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)



Sheet 1 of 3

Complete if Known

|                      |                    |
|----------------------|--------------------|
| Application Number   | 09/661,637         |
| Filing Date          | September 13, 2000 |
| First Named Inventor | Matthews, Abraham  |
| Group Art Unit       | 2132               |
| Examiner Name        | Shin, Kyung        |

Attorney Docket No: 1384.001US1

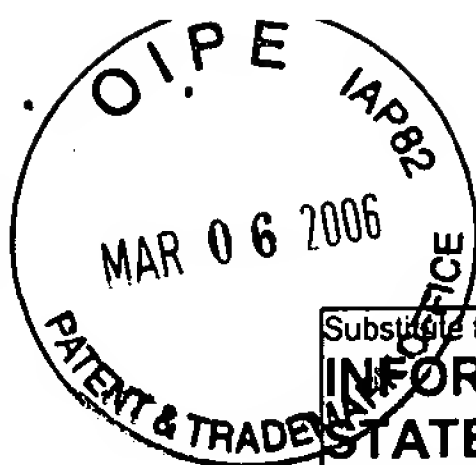
**US PATENT DOCUMENTS**

| Examiner Initial * | USP Document Number | Publication Date | Name of Patentee or Applicant of cited Document | Filing Date If Appropriate |
|--------------------|---------------------|------------------|---|----------------------------|
|                    | US-2001/0043571A1   | 11/22/2001       | Jang, S. , et al.                               | 03/26/2001                 |
|                    | US-2001/0048661A1   | 12/06/2001       | Clear, D. , et al.                              | 03/23/2001                 |
|                    | US-2001/0052013A1   | 12/13/2001       | Munguia, W. J., et al.                          | 09/24/1998                 |
|                    | US-2002/0049902A1   | 04/25/2002       | Rhodes, I.                                      | 08/20/2001                 |
|                    | US-2002/0062344A1   | 05/23/2002       | Ylonen, T. , et al.                             | 09/11/1998                 |
|                    | US-2002/0066034A1   | 05/30/2002       | Schlossberg, B. J., et al.                      | 09/21/2001                 |
|                    | US-2002/0097672A1   | 07/25/2002       | Barbas, S. N., et al.                           | 11/05/2001                 |
|                    | US-2003/0033401A1   | 02/13/2003       | Poisson, M. W., et al.                          | 04/02/1999                 |
|                    | US-2003/0115308A1   | 06/19/2003       | Best, M. , et al.                               | 12/19/2001                 |
|                    | US-2004/0042416A1   | 03/04/2004       | Ngo, C. N., et al.                              | 08/27/2002                 |
|                    | US-2004/0095934A1   | 05/20/2004       | Cheng, J. , et al.                              | 11/18/2002                 |
|                    | US-2005/0047407A1   | 03/03/2005       | Desai, S. , et al.                              | 08/27/2003                 |
|                    | US-4,667,287        | 05/19/1987       | Allen, J. C., et al.                            | 10/28/1982                 |
|                    | US-5,442,708        | 08/15/1995       | Adams, Jr., R. L., et al.                       | 09/13/1994                 |
|                    | US-5,473,599        | 12/05/1995       | Li, A. J., et al.                               | 04/22/1994                 |
|                    | US-5,490,252        | 02/06/1996       | Macera, Mario , et al.                          | 09/30/1992                 |
|                    | US-5,581,705        | 12/03/1996       | Passint, R. S., et al.                          | 12/13/1993                 |
|                    | US-5,745,778        | 04/28/1998       | Alfieri, R. A.                                  | 01/26/1994                 |
|                    | US-5,812,779        | 09/22/1998       | Ciscon, L. A., et al.                           | 02/24/1997                 |
|                    | US-5,825,772        | 10/20/1998       | Dobbins, K. , et al.                            | 04/02/1996                 |
|                    | US-5,825,891        | 10/20/1998       | Levesque, R. H., et al.                         | 10/29/1997                 |
|                    | US-5,841,973        | 11/24/1998       | Kessler, R. E., et al.                          | 03/13/1996                 |
|                    | US-5,875,290        | 02/23/1999       | Bartfai, R. F., et al.                          | 03/27/1997                 |
|                    | US-5,963,555        | 10/05/1999       | Takase, A. , et al.                             | 09/02/1997                 |
|                    | US-6,014,382        | 01/11/2000       | Takihiro, M , et al.                            | 04/02/1997                 |
|                    | US-6,047,330        | 04/04/2000       | Stracke, Jr., J. R.                             | 01/20/1998                 |
|                    | US-6,069,895        | 05/30/2000       | Ayandeh, S.                                     | 08/29/1997                 |
|                    | US-6,085,238        | 07/04/2000       | Yuasa, H. , et al.                              | 04/22/1997                 |
|                    | US-6,098,110        | 08/01/2000       | Witkowski, M. L., et al.                        | 12/30/1996                 |
|                    | US-6,169,739        | 01/02/2001       | Isoyama, K.                                     | 01/08/1998                 |
|                    | US-6,169,793        | 01/02/2001       | Gowdin, B. A., et al.                           | 08/06/1997                 |
|                    | US-6,173,399        | 01/09/2001       | Gilbrech, S. A., et al.                         | 06/12/1997                 |
|                    | US-6,175,867        | 01/16/2001       | Taghadoss, M.                                   | 03/23/1998                 |
|                    | US-6,192,051        | 02/20/2001       | Lipman, M. E., et al.                           | 02/26/1999                 |
|                    | US-6,220,768        | 04/24/2001       | Barroux, J. C.                                  | 06/28/1996                 |
|                    | US-6,226,788        | 05/01/2001       | Schoening, Charles B., et al.                   | 07/22/1998                 |
|                    | US-6,260,072        | 07/10/2001       | Rodriguez-Moral, A.                             | 06/12/1997                 |
|                    | US-6,260,073        | 07/10/2001       | Walker, W. J., et al.                           | 12/30/1996                 |
|                    | US-6,266,695        | 07/24/2001       | Huang, P. S., et al.                            | 12/23/1997                 |
|                    | US-6,286,038        | 09/04/2001       | Reichmeyer, F. X., et al.                       | 08/03/1998                 |

**EXAMINER****DATE CONSIDERED**

Substitute Disclosure Statement Form (PTO-1449)

\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional) 2 Applicant is to place a check mark here if English language Translation is attached



Substitute for form 1449A/PTO  
**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**  
(Use as many sheets as necessary)

|              |                      |                                 |
|--------------|----------------------|---------------------------------|
|              | Complete if Known    |                                 |
|              | Application Number   | 09/661,637                      |
|              | Filing Date          | September 13, 2000              |
|              | First Named Inventor | Matthews, Abraham               |
|              | Group Art Unit       | 2132                            |
|              | Examiner Name        | Shin, Kyung                     |
| Sheet 2 of 3 |                      | Attorney Docket No: 1384.001US1 |

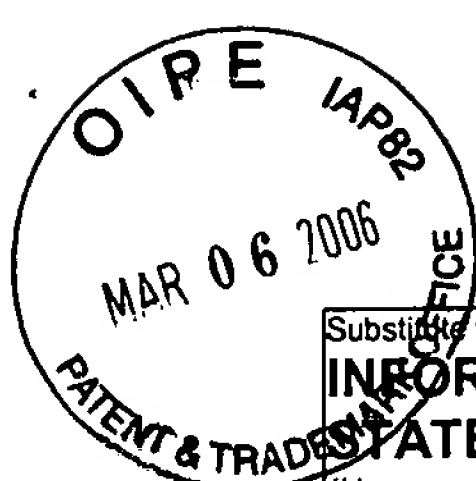
| US PATENT DOCUMENTS |                     |                  |   |                            |
|---------------------|---------------------|------------------|---|----------------------------|
| Examiner Initial *  | USP Document Number | Publication Date | Name of Patentee or Applicant of cited Document | Filing Date If Appropriate |
|                     | US-6,295,297        | 09/25/2001       | Lee, H.   | 06/16/1998                 |
|                     | US-6,298,130        | 10/02/2001       | Galvin, Brian                                   | 06/06/2000                 |
|                     | US-6,330,602        | 12/11/2001       | Law, Ka Lun E., et al.                          | 11/07/1997                 |
|                     | US-6,338,092        | 01/08/2002       | Chao, C. , et al.                               | 09/24/1998                 |
|                     | US-6,381,644        | 04/30/2002       | Munguia, W. J., et al.                          | 09/24/1998                 |
|                     | US-6,405,262        | 06/11/2002       | Vogel, K. R., et al.                            | 07/14/1995                 |
|                     | US-6,414,595        | 07/02/2002       | Scrandis, C. , et al.                           | 07/27/2000                 |
|                     | US-6,434,619        | 08/13/2002       | Lim, C. , et al.                                | 04/29/1998                 |
|                     | US-6,438,612        | 08/20/2002       | Ylonen, T. , et al.                             | 09/11/1998                 |
|                     | US-6,449,650        | 09/10/2002       | Westfall, R. L., et al.                         | 05/21/1999                 |
|                     | US-6,459,682        | 10/01/2002       | Elleson, E. J., et al.                          | 04/07/1998                 |
|                     | US-6,463,061        | 10/08/2002       | Rekhter, Y. , et al.                            | 01/19/1999                 |
|                     | US-6,526,056        | 02/25/2003       | Rekhter, Yakov , et al.                         | 12/21/1998                 |
|                     | US-6,556,544        | 04/29/2003       | Lee, C. Y.                                      | 10/22/1999                 |
|                     | US-6,609,153        | 08/19/2003       | Salkewicz, W.                                   | 12/24/1998                 |
|                     | US-6,631,519        | 10/07/2003       | Nicholson, A. L., et al.                        | 03/30/2000                 |
|                     | US-6,636,516        | 10/21/2003       | Yamano, S.                                      | 03/07/2000                 |
|                     | US-6,639,897        | 10/28/2003       | Shiomoto, K. , et al.                           | 04/22/1999                 |
|                     | US-6,697,360        | 02/24/2004       | Gai, S. , et al.                                | 09/02/1998                 |
|                     | US-6,856,676        | 02/15/2005       | Pirot, J. , et al.                              | 10/14/1999                 |
|                     | US-6,883,170        | 04/19/2005       | Garcia, K.                                      | 08/30/2000                 |

| FOREIGN PATENT DOCUMENTS |                     |                  |   |                |
|--------------------------|---------------------|------------------|---|----------------|
| Examiner Initials*       | Foreign Document No | Publication Date | Name of Patentee or Applicant of cited Document | T <sup>2</sup> |
|                          | WO-00/51290         | 08/31/2000       | Rao, R. , et al.                                |                |
|                          | WO-00/76152         | 12/14/2000       | Sullivan, E , et al.                            |                |
|                          | WO-0163809A1        | 08/30/2001       | Peacock, K. R.                                  |                |
|                          | WO-02/23855         | 03/21/2002       | Matthews, A. R.                                 |                |
|                          | WO-03103237A1       | 12/11/2003       | Alam, N.  |                |

| OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS |                      |   |                |
|--|----------------------|---|----------------|
| Examiner Initials*                                 | Cite No <sup>1</sup> | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T <sup>2</sup> |
|  |                      | CHAN, MUN C., et al., "An architecture for broadband virtual networks under customer control", <u>IEEE Network Operations and Management Symposium</u> , (April 15-19, 1996),135-144  |                |
|  |                      | CHAN, M. C., et al., "Customer Management and Control of Broadband VPN Services", <u>Proc. Fifth IFIP/IEEE International Symposium on Integrated Network Management</u> , (May 1997),301-314  |                |

EXAMINER

DATE CONSIDERED



Substitute for form 1449A/PTO  
**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**  
(Use as many sheets as necessary)

Complete if Known

|                      |                    |
|----------------------|--------------------|
| Application Number   | 09/661,637         |
| Filing Date          | September 13, 2000 |
| First Named Inventor | Matthews, Abraham  |
| Group Art Unit       | 2132               |
| Examiner Name        | Shin, Kyung        |

Sheet 3 of 3

Attorney Docket No: 1384.001US1

**OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS**

| Examiner<br>Initials* | Cite<br>No. <sup>1</sup> | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item<br>(book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s),<br>publisher, city and/or country where published. | T <sup>2</sup> |
|-----------------------|--------------------------|---|----------------|
|                       |                          | HANAKI, M , et al., "LAN/WAN management integration using ATM CNM interface", <u>IEEE Network Operations and Management Symposium</u> , volume 1, (April 15-19, 1996),12-21   |                |
|                       |                          | KESHAV, SRINIVSAN , "An Engineering Approach to Computer Networking: ATM networks, the internet, and the telephone network", <u>Reading, Mass. : Addison-Wesley</u> , Addison-Wesley Professional Computing Series,(1997),318-324                                     |                |
|                       |                          | KIM, E. C., et al., "The Multi-Layer VPN Management Architecture", <u>Proc. Sixth IFIP/IEEE International Symposium on Integrated Network Management</u> , (May 1999),187-200   |                |
|                       |                          | TANENBAUM, A. S., "Computer Networks", <u>Upper Saddle River, N.J. : Prentice Hall PTR</u> , 3rd Edition,(1996),348-364   |                |

EXAMINER

DATE CONSIDERED

Substitute Disclosure Statement Form (PTO-1449)

\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional) <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached